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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: *Thomas B. Stanford, et al.* ) Group Art No.: 1655  
)  
Application No: 10/680,937 ) Examiner: Martin, Paul C.  
)  
Filed: October 7, 2003 ) Re: *Response and Amendment*  
)  
For: "SENSOR FOR DETECTION )  
OF ENZYME AND ENZYME ) Our Ref: B-4588 620930-1/RPB/NBC  
DETECTION METHOD..." )  
)  
) Date: June 29, 2007

Response and Amendment

Mail Stop Amendments  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This paper is filed in response to the Office communication dated April 9, 2007, a reply to which is initially due July 9, 2007.

Please consider the following remarks and amendments with respect to the subject application. All remarks and amendments herein are made without prejudice.

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the claims** begin on page 3 of this paper.

**Remarks** begin on page 7 of this paper.